

Department of Forensic Science  
Breath Alcohol Section  
Instrument Location History  
1/1/1990 To 8/28/2013

HMS  
RSH

Instrument Serial Number: 010501

As of 28-Aug-13

Start Date	End Date	Agency Name
27-Aug-13		DFS Central Lab
01-Mar-11	27-Aug-13	Fredericksburg PD
19-Oct-09	01-Mar-11	DFS Central Lab
17-Dec-08	19-Oct-09	Spotsylvania CO SO
02-Jun-08	17-Dec-08	DFS Central Lab

**Department of Forensic Science**  
**Breath Alcohol Section**  
**Instrument Maintenance History**  
**1/1/1990 To 8/28/2013**

HMS  
NMJ

**Instrument Serial Number: 010501**

**As of 28-Aug-13**

<b>Maintenance</b>	<b>Certification</b>	<b>Technician</b>	
<b>Date</b>	<b>Date</b>	<b>Initials</b>	<b>Remarks</b>
27-Aug-13	30-Jul-13	HMS (18910)	REPLACED KEYBOARD.
30-Jul-13	30-Jul-13	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CALIBRATED AND CERTIFIED, REPLACED DRY GAS STANDARD.
12-Feb-13	12-Feb-13	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
28-Aug-12	28-Aug-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
13-Mar-12	13-Mar-12	HMS (18910)	CERTIFIED, REPLACED DRY GAS STANDARD.
27-Sep-11	27-Sep-11	HMS (18910)	REPLACED PRINTER RIBBON, REPLACED DRY GAS STANDARD, CERTIFIED
06-Apr-11	06-Apr-11	HMS (18910)	REPLACED DRY GAS STANDARD, CERTIFIED
01-Mar-11	01-Mar-11	HMS (18910)	CERTIFIED
02-Nov-09	02-Nov-09	NMJ (22392)	REPLACED TANK TOP LID, CALIBRATED AND CERTIFIED.
05-Jun-09	05-Jun-09	HMS (18910)	FIRMWARE/SOFTWARE UPGRADE, CERTIFIED.
17-Dec-08	17-Dec-08	HMS (18910)	CERTIFIED.
10-Dec-08	10-Dec-08	NMJ (22392)	CALIBRATED, CERTIFIED AND ACCEPTED.

**INTOX EC/IR II**  
**Quality Assurance Worksheet**

*Handwritten initials and signature*

Instrument Serial Number **010501** Worksheet Start Date **8/27/2013**

Location **Fredericksburg Police Department**

Address **2200 Cowen Blvd., Fredericksburg, VA 22401**

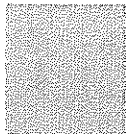
DFS Technician **Heather Stanton** License No. **18910**

☐ Laboratory ☒ On-Site

**Site Specifications**

- |  | Yes                                 | No                       |
|--|-------------------------------------|--------------------------|
| <b>1 Secured Environment:</b><br>Location must not be accessible to the general public.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <b>2 Environment free from contaminants</b>  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <b>3 Dedicated telephone line:</b><br>The phone line should be used solely by the instrument.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <b>4 Adequate Ventilation:</b><br>Enough space must be provided for the instrument and the printer to allow for adequate ventilation.                              | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <b>5 Stable temperature controls:</b><br>The instrument should not be exposed to direct sources of temperature variation.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <b>6 115VAC power source:</b><br>Whenever possible instrument power circuit should not be shared with refrigerators, copy machines or other high amperage devices. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <b>7 Room Condition:</b><br>The site should be free of excessive moisture, heat and dust.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Old serial no.	New serial no.	Supplies
E-Seek		Mouthpieces
Keyboard 6ghz141971	7ehz104713	Certificates of Analysis
Printer		Operator Worksheet
UPS		Other:



Maintenance (if any)  
Replaced keyboard.

Comments (if any)  
Removed from service to DFS-Central.

Instrument Serial Number 010501

Certification Date

Instrument Barometer (mm HG) 753

Reference Barometer (mm HG) 756

Reference Barometer(RB)Serial # 009113

RB Calibration Due 5/8/2014

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.250		0.000	0.000	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.150		0.000	0.000	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.080		-0.003	0.003	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>
0.020		-0.003	0.003	<b>Sample 2</b>
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>
0		0.000	0.000	

all measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

☐ Calibrated☐ Certified☐ Replaced dry gas standard (+O-ring)

Dry gas standard Lot No. (with tank no.)

AG316301-09

☒ Measurement Assurance Check☒ Run a Breath Test (Instrument Test)

(successful completion denotes satisfactory condition of the item)

<b>Standard (sea level)</b>	<b>PA Target</b>	<b>minimum</b>	<b>maximum</b>	<b>Sample 1</b>	0.100
0.100	0.099	0.096	0.102	<b>Sample 2</b>	0.099
<b>Precision</b>		<b>sample min</b>	<b>sample max</b>	<b>Sample 3</b>	0.099
0.001		0.099	0.100		

DFS Technician

*Hester in Stark*

Date

8/28/13

Issuing Analyst

*Melina Kennedy*  
TLV

Date

9/3/13

Intox EC/IR II QA Worksheet

Issued by Calibration and Training Program Manager

Issue Date: 4-March-2013

DFS Document 250-F113

Revision 6

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COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

lms  
msk

NAME OF ACCUSED <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>STANTON, HEATHER, M</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>18910</b>	LICENSE EXPIRES <b>10/01/2014</b>	DATE TEST CONDUCTED <b>08/27/2013</b>
TEST EQUIPMENT NUMBER <b>010501</b>		

RESULTS: TIME SAMPLE TAKEN 11:48 EDT

SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

BREATH TEST OPERATOR
----------------------

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_  
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_  
OPERATOR'S SIGNATURE



# IntoxNet MIS Report

Report Generated 27 Aug 2013 at 16:12

HMS  
MSE

## Test Results

Instrument Serial Number 010501

Test # 001240 Subject Test

Test Location 1 Department of

Test Date 27 Aug 2013

Test Location 2 Forensic Science

Test Time 11:41

Remote/Local Local

Test Location 3

System Check Passed

Operator's Last Name STANTON

Agency DFS Central Lab

Card Serial Number 118910

Subject's Last Name INSTRUMENT

Subject's Middle Initial

Driver's License Number

Driver's License State

End Date 27 Aug 2013

End Time 11:49

Data Type DIAG

Data Type BLK

Data Type CHK

Data Type BLK

Data Type SUBJ

Data Type BLK

Data Type SUBJ

Data Type BLK

Standard Type Dry Gas Std

Standard Lot Number AG316301-09

Tank Pressure 1095

Blow Sample Number 1

Blow Duration 3.38 sec

Blow Sample Number 2

Blow Duration 3.48 sec

Tamper Evident Stamp 998051f4

Test Status Success

Operator's First Name HEATHER

Effective Date 10/01/2012

Subject's Date of Birth 00/00/0000

Subject's First Name TEST

Driver's License Expiration 00/00/0000

Court Name DFS

Result Date 27 Aug 2013

Result Time 11:48

Sample Value Pass

Sample Value 0.000

Sample Value 0.100

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Standard Value 0.099

Standard Expiration Date 06/12/2015

Barometric Pressure 753 mmHg

Blow Volume 1736 cc

End-of-Blow Time 11:45

Blow Volume 1744 cc

End-of-Blow Time 11:48

Test Status Code 0

AMS

MSK

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010501      Test Number: 1241

Test Date: 08/27/2013      Test Time: 11:51 EDT

Dry Gas Target: 0.099

Lot Number: AG316301-09      Exp Date: 06/12/2015

Tank Pressure: 1090 psi      Barometric Pressure: 753 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	11:51
CHK	0.100	11:52
BLK	0.000	11:54
CHK	0.099	11:55
BLK	0.000	11:56
CHK	0.099	11:57

Test Status: *Success*

Calibration CRC: 226B57A1

Handwritten marks: "HME" and "R2K"

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010501      Test Number: 1242

Test Date: 08/27/2013      Test Time: 12:00 EDT

Dry Gas Target: 0.297

Lot Number: AG322702-02      Exp Date: 08/15/2015

Tank Pressure: 536 psi      Barometric Pressure: 753 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:01
CHK	0.300	12:01
BLK	0.000	12:03
CHK	0.299	12:04
BLK	0.000	12:05
CHK	0.299	12:06

Test Status: *Success*

Calibration CRC: 226B57A1



Handwritten marks: "HMS" and "RML"

**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010501      Test Number: 1243

Test Date: 08/27/2013      Test Time: 12:09 EDT

Dry Gas Target: 0.248

Lot Number: AG205404-02      Exp Date: 02/23/2014

Tank Pressure: 188 psi      Barometric Pressure: 753 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:10
CHK	0.250	12:11
BLK	0.000	12:13
CHK	0.250	12:13
BLK	0.000	12:15
CHK	0.249	12:16

Test Status: *Success*

Calibration CRC: 226B57A1